

<div style="display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; border-radius: 50%; padding: 10px; margin-right: 10px; text-align: center;"> O I P E SEP 14 2004 PATENT & TRADEMARK OFFICE </div> <div> INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i> </div> </div>				Docket Number (Optional) 921095-95214		Application Number 10/749,716		
				Applicant(s) DANIEL P. OTTO, et al				
				Filing Date 12/31/2003		Group Art Unit 3617 2855		
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
		2,718,197	09/20/1955	BOCK ET AL				
		3,020,858	02/13/1962	PERKINS ET AL				
		3,249,067	05/03/1966	KELLER				
		3,263,628	08/02/1966	GROVE ET AL				
		3,503,339	03/31/1970	KERSHAW				
U.S. PATENT APPLICATION PUBLICATIONS								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>								
		The Next Generation of Gage Restraint Measurement Systems, Proceedings of IMECE '03 2003 ASME International Mechanical Engineering Congress, Washington, D.C. November 15-21, 2003.						
		Gage Restraint Measurement System, Ensco, Inc., undated.						
EXAMINER				DATE CONSIDERED				
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
[Signature]		3,581,671	06/01/1971	HART			
		3,718,040	02/27/1973	FREEMAN ET AL			
		3,804,025	04/16/1974	ELLIOTT			
		3,869,907	03/11/1975	PLASSER			
[Signature]		3,896,665	07/29/1975	GOEL			

U.S. PATENT APPLICATION PUBLICATIONS							
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							YES	NO

OTHER DOCUMENTS			(Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER <div style="text-align: center;">[Signature]</div>	DATE CONSIDERED <div style="text-align: center;">5/23/05</div>
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U.S. PATENT DOCUMENTS								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<i>PN</i>		3,980,025	09/14/1976	OLSON, SR. ET AL				
		4,044,594	08/30/1977	OWENS ET AL				
		4,468,966	09/04/1984	BRADSHAW				
		4,480,480	11/06/1984	SCOTT ET AL				
<i>✓</i>		4,534,297	08/13/1985	JOHNSON, SR.				
U.S. PATENT APPLICATION PUBLICATIONS								
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	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>								
<i>PN</i>		Judge, AAR's Track Loading Vehicle Still Improving After 5 Years, June 1995.						
<i>nm</i>		Ensco, Inc., Instrumented Wheelset Systems, Undated						
EXAMINER <i>Noori</i>				DATE CONSIDERED <i>5/22/05</i>				
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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,662,224	05/05/1987	TURBE			
		4,691,565	09/08/1987	THEURER			
		4,708,066	11/24/1987	HECKMAN			
		5,186,109	02/16/1993	MADISON			
		5,339,692	08/23/1994	SHOENHAIR ET AL			

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

		Tru-Test Track Loading Vehicle Sales Brochure > 1 year before priority date.
		Kalay, Measuring Lateral and Longitudinal Track Strength, Railway Track & Structures, May 1994.

EXAMINER 	DATE CONSIDERED 5/23/05
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EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>Mr</i>		5,386,727	02/07/1995	SEARLE			
<i>S</i>		5,522,265	06/04/1996	JAEGGI			
<i>W</i>		5,617,639	04/08/1997	PERRY			
<i>W</i>		5,627,508	05/06/1997	COOPER ET AL			
<i>W</i>		5,756,903	05/26/1998	NORBY ET AL			

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OTHER DOCUMENTS			(Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER <i>Mr. N.</i>	DATE CONSIDERED <i>5/23/05</i>
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<i>ML</i>		6,600,999	07/29/2003	CLARK ET AL			
<i>S</i>		6,675,077	01/06/2004	DEMBOSKY ET AL			
<i>S</i>		6,681,160	01/20/2004	BIDAUD			

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